

## General Education at Rowan University

Students need to understand that a well-rounded education is a goal in itself and that there are important aspects of this education that the university as a whole wants to emphasize. These aspects include a thorough grounding in communication and an exposure to university level science, mathematics, social and behavioral science, and the humanities.

Broadly speaking, the general education program will:

1. Develop students' abilities to speak and write effectively, think clearly and critically
2. Develop students' abilities to use computational, quantitative, and problem solving skills, as well as scientific thinking and modes of inquiry
3. Increase students' understanding of the complexity of issues in humanities, arts, social and behavioral sciences and the practice of free inquiry in their analyses and examination of values.
4. Provide opportunities for students to explore specializations, concentrations, minors, or disciplines outside of their own in greater depth.

As one of the fundamental principles of a general education curriculum is to experience a variety of disciplines, students are required to take courses from five areas: Communication, Math, and Science, Social Behavioral Sciences, History, Humanities and Language, and Non-Program Courses.

At Rowan University, the minimum number of hours required for a four-year degree is 120 semester hours, and all students are required to earn a combined total of 42 semester hours of General Education and Rowan Experience courses. (The Rowan Experience Requirements are described in detail in the next section.) However, these are just minimums as different degree programs vary significantly in the number of hours required for Free Electives and the Major. Students must plan their program of study in consultation with an advisor in order to meet all the requirements of a specific major program.

### Requirements of Bachelor of Arts, Bachelor of Science, and Specialized Programs by General Education, Free electives, and Major Requirements

The minimum requirements for the Bachelor of Arts degree, the Bachelor of Science degree, and Specialized Programs such as the Bachelor of Fine Arts degree are shown below. For the Bachelor of Arts degree, it is necessary to complete a minimum of 51 semester hours of courses in General Education in order to achieve the minimum 120 hours required for the degree. In specialized programs, the courses required in the major may far exceed 60 semester hours of credit and there may be 0 hours of Free Electives required.

#### General Education Credit Hour Distribution (Minimum-Maximum) by Degree Program

	<i>Bachelor of Arts</i>	<i>Bachelor of Science</i>	<i>Specialized Programs</i>
Major Requirements	30-39	60-64	60+
Free Electives	21-30	6-18	0 +
General Education	51-60	42-54	42
Minimum Semester Hours			
Minimum Semester Hours for Degree	120-122	120-122	120 +

Within General Education, there are specific areas of study or discipline groups. All of the semester hours requirements listed below are considered minimum requirements. Specific requirements may vary by degree type (Bachelor of Arts, Bachelor of Science) and/or by major program of study.

**General Education Requirements by Area of Study**

Following are the minimum numbers of credits required in each of five areas of study within General Education. In addition to meeting the minimum credit hours in each bank, students must earn a COMBINED TOTAL of 42 credits of General Education courses and Rowan Experience courses.

**General Education Areas**

Communication	6
Science and Mathematics	7
Social and Behavioral Sciences	6
History, Humanities & Language	6
Non-Program Course	6

These are minimum requirements for each area of study or discipline group. Specific major programs may expand the requirements within any of these categories in order to meet program and learning outcome objectives as well as meeting the minimum 120 semester hour requirement for a four-year degree. Specific General Education courses may be required for individual majors if they serve as prerequisites for required courses within that major.

**General Education courses must be selected so that the following requirements are satisfied:**

1. All students must take College Composition I (3 semester hours) or Integrated College Composition I (4 semester hours) as well as College Composition II (3 semester hours).
2. The minimum of 6 s.h. of Communications is fulfilled by College Composition I and II. For all other banks requiring 6 or more semester hours, students must take courses from at least two different disciplines within the bank.
3. All students must take at least one course from the list of mathematics courses listed under Science and Mathematics.
4. All students must take at least one approved course that includes an in-class laboratory experience (LAB) under Science and Mathematics. Transfer courses must include the in-class lab experience. Students may not test out of the lab experience (CLEP).
5. All students must demonstrate computer literacy by passing the University Computer Competency Exam or completing a computer competency course by the end of their freshman year. Transfer students must meet this requirement before the end of their first semester at Rowan University. Advanced computer competency courses may be required of specific programs.
6. All courses at the university can be used in the Non Program Bank, as long as they are not courses in the major program of the student.

**Students Transferring from a New Jersey Community College to Rowan University**

Students who have completed an Associate of Arts or Associate of Science degree at a New Jersey community college will receive at least 60 hours of transferrable credit towards the appropriate Bachelor of Arts or Bachelor of Science Program. With regard to General Education, it is assumed that transfer students will have met all lower division General Education requirements expected of students having completed the first two years of a four-year program. In most situations, students will receive transfer credit for a combination of General Education Courses, Rowan Experience Courses, Free Electives, and Major Requirements totally at least 60 semester hours of credit or approximately one-half of a basic four-year degree. Exceptions to this assumption will occur when students have failed to complete required course work at the community college that is required for entrance into a required Rowan University course. Coordination between the student and advisor at the community college is necessary in planning for the transfer to Rowan University. Specific program requirements on the

Rowan University home page.

For students transferring to the university without completing an Associate of Arts or Associate of Science degree, it is expected that credits taken at a New Jersey community college that are applicable to an Associate of Arts or and Associate of Science degree, up to a maximum of 60-64 semester hours will be transferable to the basic four-year degree program at Rowan University. Transfer students must meet the specific graduation requirements of the Rowan University degree program to which they seek to transfer. It is expected that through careful planning, the transfer student will be able to meet these requirements within their two years of study at the community college and the following two years of study at Rowan University.

### **General Education Requirements**

General Education is designed to fulfill the aim of a liberal education. It is intended to provide the breadth of knowledge and balance of judgment befitting a college graduate, regardless of major. At Rowan University, General Education is divided into five areas of study with specific goals. The educational goals of the five areas of study are:

### **Communication Bank Goals**

1. Students will develop the ability to write a structured, well-reasoned, ordered and grammatically correct document appropriate to the intended audience.
2. Students will develop the ability to research and properly reference the work of others.

### **Mathematics and Science Bank Goals**

1. Students will demonstrate an ability to identify and apply fundamental concepts in science and math.
2. Students will demonstrate an ability to collect, interpret and verify lab data.
3. Students will demonstrate an ability to analyze and manipulate data, access and organize information.

### **History, Humanities, and Languages Bank Goals**

1. Students will demonstrate an understanding of major concepts, theories, and methods in at least two areas of history, humanities, culture, or world languages.
2. Students will develop an understanding of systems of thought and language.

### **Social and Behavioral Sciences Bank Goals**

1. Students will demonstrate an understanding of major concepts, theories, and methods in at least two areas of the social and behavioral sciences.
2. Students will demonstrate an understanding of the development of human society as it relates to culture, geography, and language in the context of an emerging interdependent, global community.
3. Students will demonstrate an ability to apply basic methodologies used in the measurement of social and behavioral sciences.

### **Non-Program Electives Bank Goals**

1. To develop a deeper understanding of at least one area outside of the major program of study as a means of creating a broader, customized, and complete program of general education.
2. To enhance the major degree program and better prepare to meet future professional and life objectives.

Some general courses offered at Rowan University fulfill one or more of the Rowan Experience Requirements, or are applicable to the Honors Concentration, or meet a combination of General Education, Rowan Experience, and Honors Concentration Requirements. Such courses are signified as follows:

(ACE) Artistic and Creative Experience

- (H) Honors Concentration Course
- (LIT) Broad-based literature course
- (LAB) In-class laboratory experience
- (PS) Public Speaking
- (M/G) Multicultural/Global
- (RS) Rowan Seminar
- (WI) Writing Intensive

**The General Education course listing can be viewed in the Approved General Education Courses section of the university catalog.**

### **The Rowan Experience**

**Rowan Experience Requirements** All students must take courses that define the unique aspects of a Rowan University degree and are described as the Rowan Experience. The Rowan Experience consists of courses that require a demonstration of specific skills or provide specific kinds of experiences that the university deems significant for all graduates. All students must complete a course or series of courses with the following six Rowan Experience designations during their four year education:

1. Artistic and Creative Experience (**ACE**)
2. Literature (**LIT**)
3. Multicultural/Global (**M/G**)
4. Public Speaking (**PS**)
5. Rowan Seminar (**RS**). Rowan Seminars are to be taken by all FRESHMEN. This requirement is waived for transfer students entering with sophomore, junior or senior standing.
6. Writing Intensive (**WI**). Writing Intensive courses **MUST** be taken at Rowan, and College Composition II or its equivalent must be completed prior to enrolling in a (WI) course.

Many courses are designated as ACE, LIT, M/G, PS, WI, and RS, including many General Education courses and many courses taken only by students within their designated major. Courses may also carry more than one designation so that one course may meet two or more Rowan Experience requirements as well as General Education or major requirements.

As noted in the previous section, **all students must take a minimum of 42 credits of General Education and Rowan Experience courses.** The purpose of this requirement is to ensure a broad-based education. Consequently, M/G, LIT, ACE, PS, WI and RS courses that are taken within the major program of study **DO NOT COUNT** towards this minimum total of 42 credits. Note, too, that General Education and Rowan Experience course requirements vary depending on the specific degree program, so students should plan their program of study in consultation with their academic advisors.

The specific goals of the Rowan Experience Requirements are:

1. Help first year students make a smooth academic transition to the university community, serious scholarship and the life of the mind (RS).
2. Develop the ability to give oral presentations on a variety of subjects that are well reasoned, ordered, correct, and appropriate for the intended audience (PS).
3. Have students explore the diverse ways in which human beings have confronted the perennial questions of human existence through various imaginative and discursive literary works (LIT).
4. Develop students' knowledge of the multi-faceted culture in which we live, contemporary social and cultural milieu, and the global implications of an increasingly interdependent and multicultural world (MG).
5. Develop the ability to create and/or critically evaluate works of art through experiential courses designed to expose students to the plastic and performing arts (ACE).

**The Rowan Experience course listing can be viewed in the Approved Rowan Experience Courses section of this catalog.**

## General Education Course Listing

Following is a list of all approved General Education courses for the five areas of study. Courses that have at least one prerequisite are denoted with a ^.

### Communication

#### Writing Arts

COMP01.105	Integrated College Composition
COMP01.111	College Composition I
HONR01.111	Honors Writing Arts: College Composition I
COMP01.112^	College Composition II
HONR01.112	Honors Writing Arts: College Composition II

### Science and Mathematics

In addition to meeting the minimum of 7 total semester hours of Science and Mathematics; all students must take at least one math course (3 or more semester hours) and at least one 4 semester hour laboratory-based science course (LAB). Students must also demonstrate computer literacy at the time of admission to the university or complete a course in computer literacy. Some programs may also require a level of computer competency higher than that provided by the computer literacy exam and may require one of the computing courses listed below (3 semester hours) in addition to the mathematics and LAB course.

### Biological Sciences

BIOL01.100	Biology I (LAB)
BIOL01.101	Biology II (LAB)
BIOL01.104	Biology 1: Diversity Evolution and Adaptation (LAB)
BIOL01.106	Biology 2: Concepts in Genetics (LAB)
BIOL01.110	Human Biology
BIOL01.112	Biology: Environ. Focus (LAB)
BIOL01.113	Biology: Human Focus (LAB)
BIOL01.115	General Biology: Plants and People (LAB)
BIOL10.210	Human Anatomy & Physiology I (LAB)
BIOL20.100	Introduction to Natural Resources
BIOL20.150	Human Ecology: Evolution Approach M/G

### Chemistry and Biochemistry

CHEM05.102	Chemistry of Everyday Life (LAB)
CHEM06.100	Chemistry I (LAB)

CHEM06.101 <sup>^</sup>	Chemistry II (LAB)
CHEM06.105 <sup>^</sup>	Advanced College Chemistry I (LAB)
CHEM06.106 <sup>^</sup>	Advanced College Chemistry II (LAB)
<b>Computer Science</b>	
CS01.102	Introduction to Programming
CS01.104	Introduction to Scientific Programming
CS01.200 <sup>^</sup>	Computing Environments
CS01.210 <sup>^</sup>	Introduction to Computer Networks and Data Communications
CS04.103	Computer Science and Programming
CS04.110 <sup>^</sup>	Introduction to Programming Using Robots
CS04.140	Enterprise Computing I
<b>Geography</b>	
GEOG06.103	Geology I (LAB)
GEOG06.110	Investigations in Physical Geography (LAB)
<b>Health and Exercise Science</b>	
INAR06.200	Basic Nutrition
<b>Interdisciplinary</b>	
INTR01.132	Biology, History and the Fate Human Societies (RS)
INTR01.138	Issues in Sustainable Development (RS)
INTR01.140	Diverse Approaches to Environmental Literature (RS)
INTR01.144	Human Ecology: An Evolutionary Approach (RS)
INTR01.148	Environmental Ethics: Through the Lens of Diversity (RS)
INTR01.200	Issues in Women's Health
HONR05.285	Honors Natural Sciences (H)(Lab 4cr.)
<b>Mathematics</b>	
MATH01.115	Contemporary Mathematics
MATH01.122	Pre-calculus Mathematics
MATH01.123	College Algebra
MATH01.130 <sup>^</sup>	Calculus I
MATH01.131	Calculus II
MATH01.201	Structures of Mathematics
MATH01.202	Introduction to Geometry
MATH03.125	Calculus: Techniques and Applications
MATH03.150	Discrete Mathematics
MATH03.160	Discrete Structures
STAT02.100	Elementary Statistics
STAT02.260	Statistics I
HONR05.180	Honors Mathematics (H)
<b>Physics and Astronomy</b>	
PHSC01.110	Principles of Physical Science
PHYS02.120	Selected Topics In Physics
PHYS02.140	Physics of Current Technologies (LAB)
PHYS02.150	Physics of Everyday Life (LAB)
PHYS02.175	Physics of Sound and Music (LAB)
PHYS02.200	Introductory Mechanics (LAB)
PHYS02.201 <sup>^</sup>	Introductory Electricity and Magnetism (LAB)
PHYS02.210 <sup>^</sup>	Introduction to Thermodynamics, Fluids, Waves, and Optics (LAB)
PHYS02.202 <sup>^</sup>	Physics I without Calculus (LAB)
PHYS02.203 <sup>^</sup>	Physics II without Calculus (LAB)
ASTR11.120	Introduction to Astronomy (LAB)
ASTR11.221	Exploration of the Solar System
ASTR11.231 <sup>^</sup>	Observational Astronomy (LAB)
ASTR11.241	Introduction to Astronomy and Astrophysics (LAB)
ASTR13.101	Meteorology (LAB)
ASTR17.110	Principles of Earth Science

**Social and Behavioral Sciences**

**Communication**

CMS04.200	Introduction to Communication Studies
CMS04.210 <sup>^</sup>	Mass Media and Their Influences
CMS04.211 <sup>^</sup>	Mass Media and Their Influences (WI)
CMS04.220	Interpersonal Communication
CMS04.250	Communication Theory
CMS04.270	Persuasion & Social Influence
PR99.362 <sup>^</sup>	Public Opinion

**Economics**

ECON04.100	American Economic System
ECON04.101	Introduction to Economics-Macro
ECON04.102	Introduction to Economics-Micro
ECON04.310 <sup>^</sup>	Global Economics

**Foreign Languages and Literatures**

SPAN05.250	Introduction to Anthropological Linguistics (M/G)
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**Foundations of Education**

FNDS21.230	Characteristics of Knowledge Acquisition
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**Geography and Anthropology**

GEOG06.100	Intro to Geography and Earth Science (M/G)
GEOG06.102	Cultural Geography (M/G)
GEOG06.111	World Regional Geography (M/G)
GEOG06.193	Intro to Mapping and Geographical Information Science
GEOG06.201	Geography of U.S. and Canada
ANTH02.202	Cultural Anthropology (M/G)
ANTH02.203	Introduction to Archaeology (M/G)
ANTH02.210	Natives of South America (M/G)
ANTH02.215 <sup>^</sup>	Medical Anthropology (M/G)
ANTH02.221	Human Variation (M/G)
ANTH02.250	Introduction to Anthropological Linguistics (M/G)
ANTH02.301	Human Evolution (M/G)
ANTH02.310	Indians of North America (M/G)
ANTH02.312 <sup>^</sup>	Anthropological Perspectives in Physical Growth & Develop (M/G)
ANTH02.350	Comparative Cultures (M/G)
BIOL20.150	Human Ecology: Evolution Approach (M/G)

**Health and Exercise Science**

INAR05.302	Contemporary American Family
PHED35.103	Health and Wellness
PHED35.109	Adventure and Experiential Learning
HLTH37.327	Consumer Health Decisions

**Interdisciplinary**

INTR01.102	Introduction to the Social Sciences: Self, Society and Power
AFST11.104	Introduction to African American Studies (M/G)
INTR01.130	Women and Gender in Perspective
INTR01.132	Biology, History and The Fate of Human Societies (RS)
INTR01.138	Issues in Sustainable Development (RS)
INTR01.140	Diverse Approaches to Environmental Literature (RS), LIT, M/G)
INTR01.142	Three Generations of Family Life: Diversity and Democracy Through Family (RS)
INTR01.146	Identity, Culture, and Democracy: Being An American (RS)
INTR01.154	Emotions in Organizations (RS)
INTR01.158	From Nancy Drew to Lara Croft-Historical and Critical Dimensions of Female Detective Genre (RS)

INTR01.160	Growing Up Female in 20th Century America (RS)
INTR01.162	The Leadership of Ideas (RS)
INTR01.168	What's Wrong With Normal? (RS)
INTR01.170	Law and Order (RS)
INTR01.178	In Search for Democracy: The Quest for Civil Liberties (RS)
INTR01.200	Issues in Women's Health
INTR01.265^	Computers and Society
INTR01.266^	Computers and Society (WI)
HONR05.290	Honors Social Sciences (H)

### Law and Justice

LAWJ05.175	Survey of Criminal Justice
LAWJ05.315	Criminal Justice and Social Conflict
LAWJ05.330	Problems in World Justice

### Management of Management and Entrepreneurship

ENT06.240	Entrepreneurship and Innovation
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### Political Science

POSC07.100	Introduction to Government Politics (M/G)
POSC07.110	American Government
POSC07.230^	Comparative Political Systems (M/G)
POSC07.310^	American Constitutional Law
POSC07.321	Contemporary World Problems (M/G)

### Psychology

PSY01.107	Essentials of Psychology
PSY09.209	Child Development
PSY09.210	Adolescent Development

### Sociology

SOC08.120	Introduction to Sociology
SOC08.220	The Family (M/G)
SOC08.221	Social Problems
SOC08.230^	Sociology of Minority Groups (M/G)
SOC08.269	Self and Society
SOC08.399^	Sociology of the Holocaust (M/G, WI)

### Special Education

SPED08.130	Human Exceptionality
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### History, Humanities and Language

#### Communication Studies

CMS04.225^	Semantics
CMS04.226^	Semantics (WI)
CMS04.325	Linguistics

#### English

ENGL02.105	Masterpieces of Western Literature I (LIT)
ENGL02.107	Masterpieces of Western Literature II (LIT)
ENGL02.110	Readings in British Literature (LIT)
ENGL02.112	Readings in Asian Literature (LIT, M/G)
ENGL02.113	Readings in U.S. Literature (LIT)
ENGL02.116	Readings in Non Western Literature (LIT, M/G)
ENGL02.123	Experiencing Literature (LIT)
ENGL02.151	Readings in Shakespeare (LIT)

#### Foreign Languages and Literature

ZULU16.101	Zulu I
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ZULU16.102	Zulu II
ARAB12.101	Elementary Arabic I
ARAB12.102	Elementary Arabic II
CHIN07.101	Elementary Chinese I
CHIN07.102	Elementary Chinese II
CHIN07.201	Intermediate Chinese I
CHIN07.211^	Intermediate Chinese II
FREN02.101	Elementary French I
FREN02.102	Elementary French II
FREN02.201	Intermediate French I
FREN02.205	Intermediate French II
GERM03.101	Elementary German I
GERM03.102	Elementary German II
GERM03.201	Intermediate German I
GERM03.211	Intermediate German II
ITAL04.101	Elementary Italian I
ITAL04.102	Elementary Italian II
LAT09.101	Elementary Latin I
LAT09.102	Elementary Latin II
JAPA08.101	Elementary Japanese I
JAPA08.102	Elementary Japanese II
SPAN05.101	Spanish I
SPAN05.102	Spanish II
SPAN05.104	Accelerated Business Spanish I
SPAN05.106	Accelerated Business Spanish II
SPAN05.201	Spanish III
SPAN05.211	Spanish Reading and Conversation
SPAN05.212^	Spanish Reading and Composition
SPAN05.312^	Spanish for Business
RUSS06.101	Elementary Russian I
RUSS06.102	Elementary Russian II
RUSS06.201	Intermediate Russian I
RUSS06.211	Intermediate Russian II
RUSS06.345	Russian Literature in Translation
SWHL17.101	Elementary Swahili I
SWHL17.102	Elementary Swahili II

## Foundations of Education

FNDS21.150	History of American Education
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## History

HIST05.100	Western Civilization to 1660
HIST05.101	Western Civilization since 1660
HIST05.120	World History since 1500 (M/G)
HIST05.150	U.S. History to 1865
HIST05.151	U.S. History since 1865
HIST05.376	African-American History to 1865^
HIST05.377	African-American History since 1865^

## Interdisciplinary

INTR01.120	Biology, History and Human Societies (M/G)
INTR01.132	Biology, History and the Fate Human Societies (RS)
INTR01.134	Readings in American Democracy (RS)
INTR01.136	Gateway to Asia (RS)
INTR01.140	Diverse Approaches to Environmental Literature (RS, LIT, M/G)
INTR01.148	Environmental Ethics: Through the Lens of Diversity (RS)
INTR01.150	Language, Rhetoric and Propaganda: The Weapons of the Cold War (RS)
INTR01.156	Freedom and Artistic Expression-20th Century America (RS)
INTR01.158	From Nancy Drew to Lara Croft-Historical and Critical Dimensions of Female Detective Genre (RS)
INTR01.160	Growing Up Female in 20th Century America (RS)
INTR01.164	Science Fiction as a Gateway to Human Diversity (RS)

INTR01.172	Songs of Praise and Protest (RS)
INTR01.174	Ethics and the Professions
INTR01.178	In Search of Democracy: The Quest for Civil Liberties (RS)
HONR05.205	Honors Humanities (H)
HONR05.217	Honors Literature (H)

## Philosophy

PHIL09.110	Logic of Everyday Reasoning
PHIL09.120	Introduction to Philosophy (M/G)
PHIL09.121^	Introduction to Philosophy (M/G, WI)
PHIL09.130	Introduction to Symbolic Logic
PHIL09.211	World Philosophy I (WI, M/G)
PHIL09.213	World Philosophy II (WI, M/G)
PHIL09.226	Philosophy of Mind
PHIL09.227^	Philosophy of Mind (WI)
PHIL09.240	Philosophy and Society (LIT)
PHIL09.241^	Philosophy and Society (LIT, WI)
PHIL09.250	Introduction to Ethics (LIT)
PHIL09.251^	Introduction to Ethics (LIT, WI)
PHIL09.310	Aesthetics (LIT)
PHIL09.311^	Aesthetics (LIT, WI)
PHIL09.328	Philosophy and Gender (M/G)
PHIL09.341	Biomedical Ethics (WI)
PHIL09.346	Feminist Ethics (WI)
PHIL09.368	Philosophy of Science (M/G)
PHIL09.369^	Philosophy of Science (M/G, WI)
PHIL09.392	Contemporary Moral Problems (M/G)
PHIL09.393^	Contemporary Moral Problems (M/G, WI)

## Political Science

POSC07.200	Survey of Western Political Theory
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## Reading

READ30.120	Literacies in Today's World
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## Religion

REL10.100	Introduction to Religion
REL10.200	Religions of the World (M/G)
REL10.210	Religion in America (M/G)
REL10.220	Introduction to Buddhism (M/G)
REL10.240	Introduction to the Bible (LIT)
REL10.301	Introduction to Judaism (M/G)
REL10.320	Introduction to Christianity (M/G)
REL10.230	Religions of Asia (M/G)
PHRE11.330	Introduction to Daoism (M/G)

## Theatre and Dance

THD07.339	History of Theatre to 1700
THD07.340	History of Theatre from 1700-1956
THD07.440	Contemporary World Theatre (WI, LIT)

## Rowan Experience Course Listing

An abridged list of approved courses that meet the Rowan Experience requirements are listed below. Courses that have at least one pre-requisite are denoted with an ^.

### Artistic and Creative Experience Courses (ACE)

*Note:* Courses listed under (ACE) with LIT, RS, WI, or M/G designation also fulfill the Literature, Rowan Seminar, Writing Intensive, or Multicultural/Global requirement in addition to the ACE requirement. Typically, the (ACE) course fulfills an area of study currently listed in General Education

as Artistic and Creative Experience.

## Art

ART02.300	Workshop in Art
ARHS03.130	Art Appreciation
ARHS03.220	Modern Art
ARHS03.241	History of Photography
ART09.110	Experiencing Art

## Engineering

ECE09.100	Signals, Systems and Music
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## Interdisciplinary

INTR01.152	Beyond Face Value: Critical Analysis of Texts & Image (RS)
INTR01.166	Rhetoric of Music (RS)
INTR01.172	Songs of Praise/Protest (RS)
INTR01.176	Historical Aesthetics of Suffering (RS)
HONR05.214	Honors Artistic and Creative Experience

## Music

MUS04.118	Music Fundamentals
MUS04.140	Wind Ensemble
MUS04.141	String Ensemble
MUS04.142	College Band
MUS04.143	Jazz Band
MUS04.144	Orchestra
MUS04.145	Lab Band
MUS04.146	Concert Choir
MUS04.147	Contemporary Music Ensemble
MUS04.148	Percussion Ensemble
MUS04.149	Guitar Ensemble
MUS04.150	Flute Ensemble
MUS04.151	Opera Company
MUS04.152	Saxophone Ensemble
MUS04.153	Clarinet Ensemble
MUS04.154	Women's Chorus
MUS04.155	Men's Chorus
MUSG06.100	Signals, Systems and Music
MUSG06.102	General Music History
MUSG06.109	Music Appreciation
MUSG06.115	Growth and Development of Jazz (M/G)
MUSG06.117	Expressing Music
MUSG06.214	Musical Styles and Forms I
MUSG06.215	Musical Styles and Forms II
MUSG06.335	Musical Styles and Forms III
MUSG06.447	Music in World Cultures: Asia and Oceania (M/G)
MUSG06.448	Music in World Cultures: Africa India, Near and Middle East (M/G)

## Radio, TV and Film

RTF03.270^	Film History and Appreciation I
RTF03.271^	Film History and Appreciation II
RTF03.273	The Movie industry

## Theatre and Dance

THD07.130	Living Theatre
THD07.135	Oral Interpretation of Literature
THD07.195	Exploring Social Issues Through Theatre
THD07.215	Experiencing Acting
THD07.301	African, African - American Theatre: Intercultural Definitions
THD07.339	History of Theatre to 1700

THD07.340	History of Theatre from 1700-1956
THD07.440	Contemporary World Theatre (LIT, WI)
THD08.135	Elements of Dance
THD08.146	World Dance Forms
THD08.202	Tap I
THD08.236	Modern Dance I
THD08.246	Ballet I
THD08.256	Jazz Dance I
THD08.311	African Influences in American Dance
THD08.315^	Creative Dance for Children
THD08.436^	Dance History

**Literature Courses (LIT)**

**English**

ENGL02.105	Masterpieces of Western Literature I
ENGL02.107	Masterpieces of Western Literature II
ENGL02.110	Readings in British Literature
ENGL02.112	Readings in Asian Literature (M/G)
ENGL02.113	Readings in U.S. Literature
ENGL02.116	Readings in Non Western Literature (M/G)
ENGL02.123	Experiencing Literature
ENGL02.151	Readings in Shakespeare

**Interdisciplinary**

INTR01.140	Diverse Approaches to Environmental Lit (RS, M/G)
HONR05.217	Honors Literature (H)

**Philosophy and Religion**

PHIL09.240	Philosophy and Society
PHIL09.241^	Philosophy and Society (WI)
PHIL09.250	Introduction to Ethics
PHIL09.251^	Introduction to Ethics (WI)
PHIL09.310	Aesthetics
PHIL09.311^	Aesthetics (WI)
REL10.240	Introduction to the Bible

**Theatre and Dance**

THD07.440	Contemporary World Theatre (ACE, WI)
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**Multicultural/Global (M/G)**

The courses listed below all fulfill the requirement of one Multicultural/Global course:

**Biological Sciences**

BIOL20.150	Human Ecology: Evolution Approach
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**Communication**

CMS04.360	Intercultural Communication
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**Economics**

ECON04.307^	Economic Development
ECON04.320^	Contemporary Economic Systems

**English**

ENGL02.112	Readings in Asian Literature (LIT)
ENGL02.116	Readings in Non Western Literature(LIT)
ENGL02.216	African American Lit Through Harlem Renaissance
ENGL02.217	U.S. Literature of Latino and Hispanic Peoples
ENGL02.200	Women in Literature

ENGL02.338	Special Topics in Non-Western Literature
<b>Foreign Languages and Literature</b>	
SPAN05.250	Introduction to Anthropological Linguistics
SPAN05.324	Spanish American Civilization and Culture
<b>Finance</b>	
FIN04.435^	International Finance Management
<b>Geography and Anthropology</b>	
ANTH02.202	Cultural Anthropology
ANTH02.203	Introduction to Archaeology
ANTH02.210	Natives of South America
ANTH02.215^	Medical Anthropology
ANTH02.250	Introduction to Anthropological Linguistics
ANTH02.221	Human Variation
ANTH02.301	Human Evolution
ANTH02.310	Indians of North America
ANTH02.312^	Anthropological Perspectives in Physical Growth & Develop
ANTH02.350	Comparative Cultures
GEOG06.100	Introduction to Geography and Earth Science
GEOG06.102	Cultural Geography
GEOG06.111	World Regional Geography
GEOG06.301	Economic Geography
GEOG06.303	Political Geography
GEOG06.304	Population Geography
GEOG06.342	Geography of Europe
GEOG06.343	Geography of Asia
GEOG06.344	Geography of Latin America
GEOG06.346	Commonwealth of Independent States: Geography of U.S.S.R.
GEOG06.347	Geography of Middle East
<b>History</b>	
HIST05.120	World History After 1500
HIST05.425^	History of Feminism
<b>Interdisciplinary</b>	
AFST11.104	Introduction to African American Studies
INTR01.120	Biology, History and Human Societies
INTR01.140	Diverse Approaches to Environment Lit (RS, LIT)
<b>Law and Justice</b>	
LAWJ05.401	Law and Human Rights
<b>Management of Management and Entrepreneurship</b>	
MGT06.330^	Managing International Business
<b>Marketing and Business Information Systems</b>	
MKT09.379^	International Marketing
<b>Music</b>	
MUSG06.115	Growth and Development of Jazz (ACE)
MUSG06.220	Singing Music of African-Americans
MUSG06.447	Music in World Cultures: Asia and Oceania (ACE)
MUSG06.448	Music in World Cultures: Africa India, Near and Middle East (ACE)
<b>Philosophy</b>	
PHIL09.120	Introduction to Philosophy
PHIL09.121^	Introduction to Philosophy
PHIL09.211	World Philosophy I

PHIL09.213	World Philosophy II
PHIL09.328	Philosophy and Gender
PHIL09.330	Asian Thought
PHIL09.368	Philosophy of Science
PHIL09.369	Philosophy of Science
PHIL09.392	Contemporary Moral Problems

**Political Science**

POSC07.100	Introduction to Government Politics
POSC07.230	Comparative Political Systems
POSC07.321	Contemporary World Problems

**Psychology**

PSY01.105 <sup>^</sup>	Psychology of Ethnic Identity and Community in America
PSY01.200 <sup>^</sup>	Psychology of Women & Cultural Exp.
PSY01.235 <sup>^</sup>	African American Psychology
PSY01.310 <sup>^</sup>	Psychology of Racism & Ethnocentrism

**Radio, TV and Film**

RTF03.294	Contemporary International Cinema
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**Religion**

REL10.200	Religions of the World
REL10.210	Religion in America
REL10.220	Introduction to Buddhism
REL10.301	Introduction to Judaism
REL10.320	Introduction to Christianity
REL10.230	Religions of Asia
PHRE11.330	Introduction to Daoism

**Sociology**

SOC08.220	The Family
SOC08.230 <sup>^</sup>	Sociology of Minority Groups
SOC08.327 <sup>^</sup>	Comparative Education in Sociological Perspective
SOC08.399 <sup>^</sup>	Sociology of the Holocaust

**Public Speaking Courses (PS)**

*Note:* Currently, CMS 04.205 Public Speaking is typically included in the Communication Area of Study under General Education and ENG 01.202 Sophomore Engineering Clinic meets a major requirement for students majoring in Civil, Chemical, Electrical and Computer, and Mechanical Engineering.

**Communication Studies**

CMS04.205	Public Speaking
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**Engineering**

ENGR01.202	Sophomore Engineering Clinic
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**Rowan Seminar Courses (RS)**

Rowan Seminar courses are designed to enhance the first-year experience for freshmen at the university. Because the primary goal of Rowan Seminar is to ensure a smooth transition to the college environment from high school, this requirement is waived for transfer students who already have enough college experience to enter with Sophomore, Junior or Senior standing. Selected sections of introductory courses within majors as well as general education courses may be designated as Rowan Seminars. In addition, courses designed specifically to serve as Rowan Seminars are:

## Interdisciplinary

INTR01.132	Biology, History and The Fate of Human Societies
INTR01.138	Issues in Sustainable Development
INTR01.140	Diverse Approaches to Environmental Lit (LIT, M/G)
INTR01.144	Human Ecology: An Evolutionary Approach
INTR01.148	Environmental Ethics: Through the Lens of Diversity
INTR01.142	Three Generations of Family Life: Diversity and Democracy through Family
INTR01.146	Identity, Culture, and Democracy: Being An American
INTR01.152	Beyond Face Value: Critical Analysis of Texts and Image (ACE)
INTR01.154	Emotions in Organizations
INTR01.158	From Nancy Drew to Lara Croft-Historical and Critical Dimensions of Female Detective Genre
INTR01.160	Growing Up Female in 20th Century America
INTR01.162	The Leadership of Ideas
INTR01.166	Rhetoric of Music (ACE)
INTR01.168	What's Wrong With Normal?
INTR01.170	Law and Order
INTR01.172	Songs of Praise/Protest (ACE)
INTR01.176	Historical Aesthetics of Suffering
INTR01.178	In Search for Democracy: The Quest for Civil Liberties

### Writing Intensive Courses (WI)

The following courses satisfy the requirement of one writing intensive course. The Writing Intensive requirement MUST be completed at Rowan University. The student has to have completed College Composition I and II before enrolling in any course designated as WI.

## Art

ARHS03.252	Concepts in Art: Criticism
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## Biological Sciences

BIOL01.440 <sup>^</sup>	Special Topics in Biological Sciences
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## Chemistry and BioChemistry

CHEM07.464 <sup>^</sup>	Advanced Organic Chemistry I
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## Communication Studies

CMS04.211 <sup>^</sup>	Mass Media and Their Influence (WI)
CMS04.241	Small Group Communication
CMS04.226 <sup>^</sup>	Semantics
CMS04.450 <sup>^</sup>	Seminar in Communication Studies

## Economics

ECON04.492 <sup>^</sup>	Seminar in Economics
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## Engineering

ENGR01.101	Freshman Engineering Clinic I
ENGR01.402 <sup>^</sup>	Senior Engineering Clinic II (WI)

## English

ENGL02.393 <sup>^</sup>	English Seminar I
ENGL02.394 <sup>^</sup>	English Seminar II

## Foreign Languages and Literatures

SPAN05.409 <sup>^</sup>	Advanced Spanish Grammar and Composition
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## Geography and Anthropology

<a href="#">GEOG06.493</a> <sup>^</sup>	Research Seminar in Geography
<b>History</b>	
<a href="#">HIST05.306</a>	Introduction to Historical Methods
<b>Interdisciplinary</b>	
<a href="#">INTR01.266</a> <sup>^</sup>	Computers and Society
<b>Law and Justice</b>	
<a href="#">LAWJ05.370</a>	Theories of Crime and Criminality
<a href="#">LAWJ05.469</a>	Seminar in Law/Justice
<b>Liberal Studies</b>	
<a href="#">AMST13.402</a> <sup>^</sup>	Senior Seminar in American Studies
<b>Management of Management and Entrepreneurship</b>	
<a href="#">MGT06.309</a> <sup>^</sup>	Organizational Behavior
<a href="#">HRM98.337</a> <sup>^</sup>	Legal Aspects of Human Resource Management
<b>Marketing and Business Information Systems</b>	
<a href="#">MISO2.333</a>	E-Business: I.S. Perspective
<a href="#">MKT09.384</a> <sup>^</sup>	Research Methods in Marketing
<b>Mathematics</b>	
<a href="#">MATH01.498</a> <sup>^</sup>	Mathematics Seminar
<b>Philosophy</b>	
<a href="#">PHILO9.121</a> <sup>^</sup>	Introduction to Philosophy
<a href="#">PHILO9.211</a>	World Philosophy I
<a href="#">PHILO9.213</a>	World Philosophy II
<a href="#">PHILO9.227</a> <sup>^</sup>	Philosophy of Mind
<a href="#">PHILO9.241</a> <sup>^</sup>	Philosophy and Society (LIT)
<a href="#">PHILO9.251</a> <sup>^</sup>	Introduction to Ethics (LIT)
<a href="#">PHILO9.311</a> <sup>^</sup>	Aesthetics (LIT)
<a href="#">PHILO9.328</a>	Philosophy and Gender
<a href="#">PHILO9.341</a>	Biomedical Ethics
<a href="#">PHILO9.346</a>	Feminist Ethics
<a href="#">PHILO9.369</a> <sup>^</sup>	Philosophy of Science
<a href="#">PHILO9.393</a> <sup>^</sup>	Contemporary Moral Problems
<b>Political Science</b>	
<a href="#">POSC07.303</a>	Campaigns, Political Parties and Interest Groups
<a href="#">POSC07.489</a> <sup>^</sup>	Seminar in Political Science
<b>Psychology</b>	
<a href="#">PSY01.420</a>	Advanced Research In Psychology
<b>Public Relations and Advertising</b>	
<a href="#">ADV04.434</a> <sup>^</sup>	Advertising Campaigns
<a href="#">PRO6.353</a> <sup>^</sup>	Case Studies in Public Relations
<a href="#">PRO6.454</a> <sup>^</sup>	Public Relations Planning
<b>Radio, TV and Film</b>	
<a href="#">RTF03.433</a> <sup>^</sup>	TV Program Packaging
<b>Reading</b>	
<a href="#">READ30.421</a>	School Reading Problems

## Sociology

<a href="#">SOCo8.325^</a>	Deviant Behavior and Social Control
<a href="#">SOCo8.326^</a>	Socialization of the Child Through Adolescence
<a href="#">SOCo8.399^</a>	Sociology of the Holocaust
<a href="#">SOCo8.494^</a>	Field Experience Seminar in Sociology

## Theatre and Dance

<a href="#">THDo7.440</a>	Contemporary World Theatre (LIT, ACE)
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## Writing Arts

<a href="#">WAo1.304^</a>	Writing with Style
<a href="#">WAo1.400^</a>	Writing for the Workplace
<a href="#">WAo1.408</a>	Writing as Managers
<a href="#">WAo1.301^</a>	Writing, Research and Technology
<a href="#">WAo1.401^</a>	The Writer's Mind